

Rabbit anti-Human SRGN Polyclonal Antibody | anti-SRGN antibody

SRGN Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283296	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

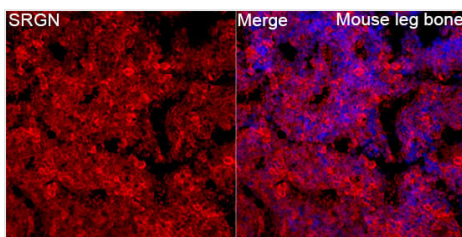
PRODUCT SYNONYMS

SRGN; Polyclonal Antibody; SRGN Rabbit pAb; PPG; PRG; PRG1; anti-SRGN antibody

PRODUCT SPECIFICATIONS

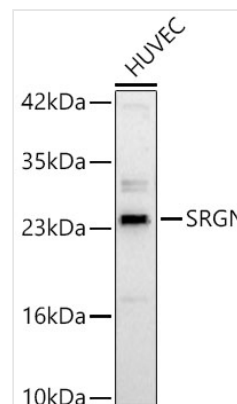
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	LLPGESNKIP RLRTDLFPKT RIQDLNRIFP LSEDYSGSGF GSGSGSGSGS GSGFLTEMEQ DYQLVDESDA FHDNLRSLDR NLPDSQDLG QHGLEEDFML
Applicable Applications for anti-SRGN antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 59-158 of human SRGN (NP_002718.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Mouse leg bone tissue using SRGN Rabbit pAb(AAA283296) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



WB (Western Blot)

Western blot analysis of lysates from HUVEC cells using SRGN Rabbit pAb (AAA283296) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-SRGN antibody	This gene encodes a protein best known as a hematopoietic cell granule proteoglycan. Proteoglycans stored in the secretory granules of many hematopoietic cells also contain a protease-resistant peptide core, which may be important for neutralizing hydrolytic enzymes. This encoded protein was found to be associated with the macromolecular complex of granzymes and perforin, which may serve as a mediator of granule-mediated apoptosis. Two transcript variants, only one of them protein-coding, have been found for this gene.
Product Categories/Family for anti-SRGN antibody	Signal Transduction; Cell Biology Developmental Biology; Apoptosis; Cytoskeleton; Extracellular Matrix; Bone; Endocrine Metabolism; Endocrine and metabolic diseases; Diabetes; Obesity; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	45935371
NCBI GeneID	5552
NCBI Accession #	NP_002718.2
NCBI GenBank Nucleotide #	NM_002727.3
UniProt Accession #	P10124; Q5VW06; B2R4L7
Molecular Weight	Calculated MW: 18kDa Observed MW: 24kDa
UniProt Protein Name	Serglycin
UniProt Gene Name	SRGN
UniProt Synonym Gene Names	PRG; PRG1; P.PG
UniProt Entry Name	SRGN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.